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Morbidity and Mortality Weekly Report

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

PUBLIC HEALTH SERVICE

Prepared by the COMMUNICABLE DISEASE CENTER MElrose 4-5131

For release January 26, 1962 ATLANTA 22, GEORGIA Vol. 11, No. 3

PROVISIONAL INFORMATION ON SELECTED NOTIFIABLE DISEASES IN THE UNITED STATES AND ON DEATHS IN SELECTED CITIES FOR WEEK ENDED JANUARY 20, 1962

INFLUENZA – Outbreaks of acute febrile respiratory disease continue to span the United States in an arc from Southern California to Florida. Many new outbreaks have been reported falling along the arc, predominantly in the Midwest and in the Southeast. Worthy of mention in this regard are the States of Kansas, Kentucky, Tennessee, and Georgia.

Five States report the presence of influenza-like outbreaks for the first time – Alabama, North Carolina, Ohio, Oklahoma, and Texas – bringing the total number of States reporting outbreaks this season to 21. In New York and Massachusetts previously reported outbreaks have remained localized.

Washington confirms Influenza B in several additional counties, New Mexico in one county by serologic titer rises, and Georgia in one county by isolation of the virus. Ten States have now confirmed Influenza B.

Deaths from pneumonia and influenza in 108 United States cities are moderately elevated above expected levels for the third consecutive week (see accompanying graph, p. 19). Excess mortality is now recorded in six of the nine geographic divisions of the country.

In the last two months, three European countries – United Kingdom, Spain, and Denmark – have confirmed the presence of Influenza B.

Massachusetts – Commencing in towns along the

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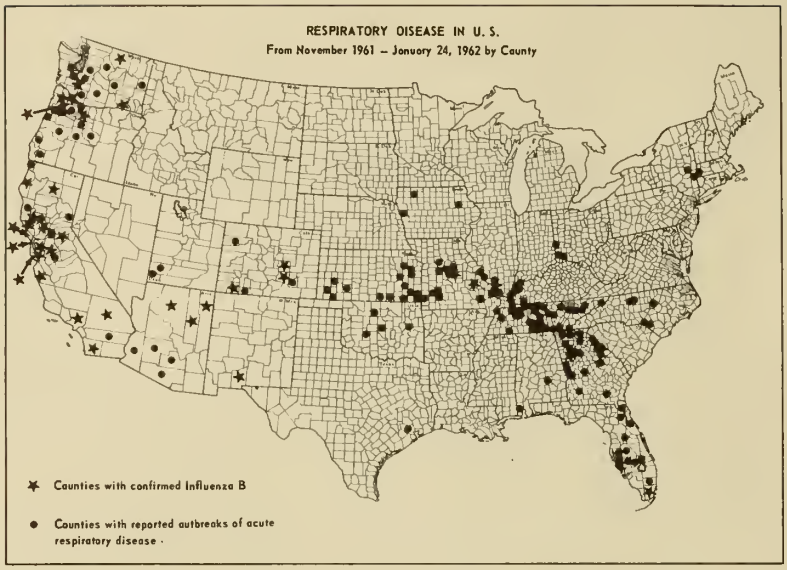
Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

(Cumulative totals include revised and delayed reports through previous week)

Disease	3rd Week			Cumulative First 3 weeks		
	Ended January 20, 1962	Ended January 21, 1961	Median 1957 - 1961	1962	1961	Median 1957 - 1961
Aseptic meningitis	18	24	---	38	64	---
Brucellosis	7	8	11	21	23	34
Diphtheria	5	25	24	40	72	69
Encephalitis, infectious	29	19	19	65	65	63
Hepatitis, infectious and serum	1,580	1,803	519	4,118	4,272	1,379
Measles	7,306	8,389	8,309	20,790	23,109	23,109
Meningococcal infections	51	62	53	151	160	168
Poliomyelitis, total	10	8	16	26	33	58
Paralytic	8	5	14	14	18	38
Nonparalytic	1	2	1	5	4	22
Unspecified	1	1	1	7	11	8
Streptococcal sore throat and Scarlet fever	8,305	8,653	---	21,866	24,706	---
Tetanus	-	---	---	3	---	---
Tularemia	6	---	---	26	---	---
Typhoid fever	8	11	11	14	19	37
Typhus fever, tick-borne, (Rocky Mountain spotted)	-	---	---	1	---	---
Rabies in Animals	57	58	83	173	142	226

Table 2. NOTIFIABLE DISEASES OF LOW FREQUENCY

Anthrax:
Botulism:
Malaria:
Plague:
Psittacosis: Wis. - 1
Rabies in Man:
Smallpox:
Typhus, murine:


RESPIRATORY DISEASE IN U. S.
From November 1961 – January 24, 1962 by County
Counties with confirmed Influenza B
Counties with reported outbreaks of acute respiratory disease

Housatonic River in Western Massachusetts, an influenza-like illness has spread to involve the entire southern half of Berkshire County. School children in all grades have been affected, but the disease appears to be milder in high school students.

New York – Daily reports of school absenteeism from Albany County indicate that influenza-like disease is increasing. The median school absenteeism for the county on January 22 was 24%, is a marked increase over the median of 14% reported last week.

Ohio – Several outbreaks of upper respiratory disease compatible with influenza have occurred in school children and teachers in Southwest Ohio. Some Cincinnati schools and three in adjacent counties have reported school absenteeism from 12 to 29 percent, commencing the second week of January.

North Carolina – Acute febrile respiratory illness has been reported from the central part of North Carolina. Several cities have increased school absenteeism – Winston-Salem, Greensboro, and Raleigh. An epidemic in Robeson County, further south, has been studied in some detail. Headache, fever, and severe myalgia were predominant symptoms. Severe epistaxis and reddened conjunctivae were noted in an unusual number of cases.

A telephone survey (120 persons) revealed roughly similar age-specific attack rates to those found in Hazleton, Iowa, and Potosi, Missouri (See MMWR Vol. 11, No. 2).

Age Group	Number Surveyed	Number Ill	Attack Rate (%)	Number Cases with Epistosix	Conjunctivitis
0-5	16	10	63	1	0
6-12	24	12	50	4	3
13-18	20	12	60	7	3
19-35	18	6	33	1	1
36-50	23	5	22	0	0
51+	19	2	11	0	0
Total	120	47	39	13	7

Tennessee – Georgia – Many additional counties in both States have had outbreaks of influenza-like illness. Tennessee reports outbreaks from 31 of the 95 counties in the State. Schools have been closed in 7 of these counties. Most of the disease is concentrated in the central part of the State.

Since January 1, Georgia has experienced multiple outbreaks scattered widely throughout the State. Much school absenteeism has been noted with relatively little adult involvement. Two isolations of Influenza B have been obtained from children in the Greater Atlanta area.

Kansas – Kentucky – Both States reported numerous additional involved counties this week. In Kansas, the southern counties have been primarily involved. School absenteeism ranges between 15-50 percent with one school reporting 80 percent absenteeism. In Kentucky, the westernmost counties are involved with absenteeism ranging between 20 and 45 percent.

Texas – Oklahoma – Alabama – These three States report one or more outbreaks of influenza-like disease within their borders. Texas notes elevated school absenteeism in Houston; Alabama notes the same in Mobile and Montgomery; and Oklahoma has experienced school closures in four counties in the center of the State.

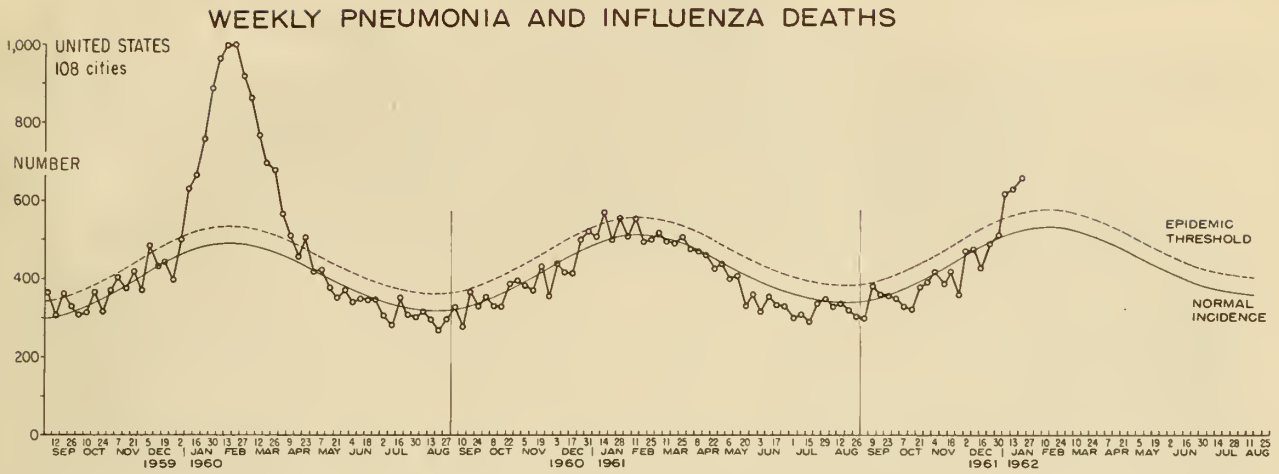
New Mexico – Two patients with onset of illness in early and mid-December showed serologic titer rises to Influenza B. They were both from Las Cruces on the Mexican border.

(Thanks are due to the many State Epidemiologists and others who have contributed this information.)

Addendum

The University of Chicago reports an increased incidence of acute febrile respiratory illness at its clinic. An influenza B virus has been isolated from a student.

(Continued on page 24)


WEEKLY PNEUMONIA AND INFLUENZA DEATHS
UNITED STATES
108 cities
NUMBER
1,000
800
600
400
200
0
EPIDEMIC THRESHOLD
NORMAL INCIDENCE
SEP OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG
1959 1960 1960 1961 1961 1962

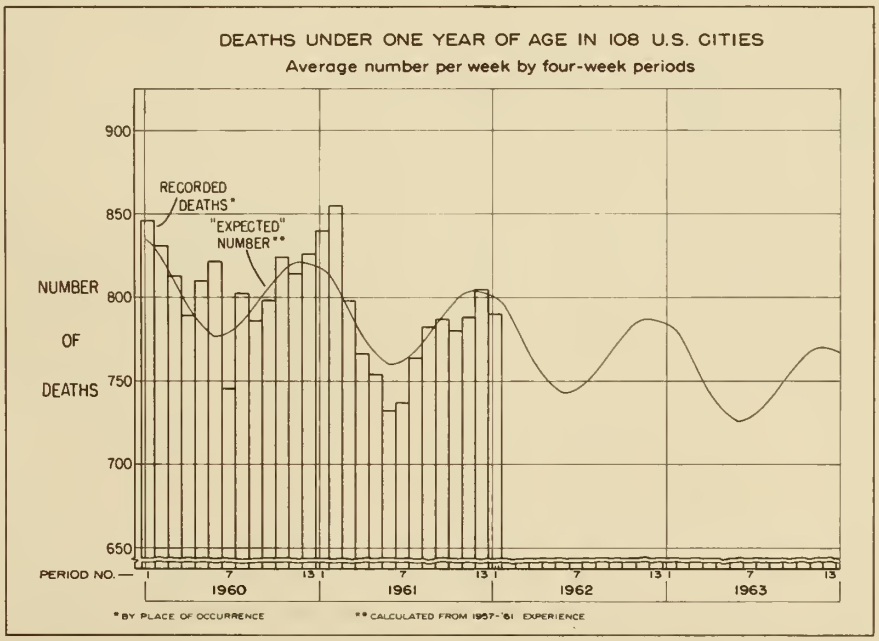
SUMMARY OF MORTALITY UNDER 1 YEAR OF AGE IN 108 UNITED STATES CITIES

The chart below presents the average weekly number of deaths under one year of age by four-week periods. As in the previous MMWR charts in this series the "expected number" of deaths was computed with use of a Fourier series with linear trend. Week to week variation in the number of infant deaths is large. This is reflected even in the four-week averages presented in the chart.

No excess mortality has occurred among infants during the current Influenza B epidemic. During the week ending December 30th 1961 the number of deaths reported (702) was unusually low as will be noted if this number is compared with the expected levels (see chart) of slightly over 800 deaths. Similarly, no excess infant mortality occurred during the Influenza A_2 epidemics of 1957-8 and 1960.

DEATHS UNDER ONE YEAR RECORDED IN 108 UNITED STATES CITIES

Week Ending:				4-Week Average
Dec. 30	Jan. 6	Jan. 13.	Jan. 20	
702	794	830	834	790.0



(See Table, Page 23)

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
JANUARY 21, 1961 AND JANUARY 20, 1962

Area	Poliomyelitis, Total Cases				Poliomyelitis, Paralytic				Poliomyelitis, Nonparalytic		Aseptic Meningitis	
	3rd week		Cumulative First 3 weeks		3rd week		Cumulative First 3 weeks		3rd week		3rd week	
	1962	1961	1962	1961	1962	1961	1962	1961	1962	1961	1962	1961
UNITED STATES	10	8	26	33	8	5	14	18	1	2	18	24
NEW ENGLAND	-	-	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-	-	-	-	-
Rhode Island	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut	-	-	-	-	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC	6	-	14	-	5	-	8	-	-	-	-	2
New York	6	-	14	-	5	-	8	-	-	-	-	1
New Jersey	-	-	-	-	-	-	-	-	-	-	-	-
Pennsylvania	-	-	-	-	-	-	-	-	-	-	-	1
EAST NORTH CENTRAL	-	3	1	7	-	2	1	5	-	-	2	3
Ohio	-	1	1	3	-	1	1	2	-	-	-	-
Indiana	-	-	-	-	-	-	-	-	-	-	-	1
Illinois	-	-	-	2	-	-	-	2	-	-	-	1
Michigan	-	-	-	-	-	-	-	-	-	-	2	1
Wisconsin	-	2	-	2	-	1	-	1	-	-	-	-
WEST NORTH CENTRAL	1	1	3	1	-	1	-	1	1	-	4	1
Minnesota	-	1	-	1	-	1	-	1	-	-	-	-
Iowa	1	-	1	-	-	-	-	-	1	-	-	-
Missouri	-	-	2	-	-	-	-	-	-	-	-	1
North Dakota	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska	-	-	-	-	-	-	-	-	-	-	-	-
Kansas	-	-	-	-	-	-	-	-	-	-	4	-
SOUTH ATLANTIC	1	-	1	3	1	-	1	2	-	-	1	1
Delaware	-	-	-	1	-	-	-	1	-	-	-	-
Maryland	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-	-	-	-	1
Virginia	1	-	1	-	1	-	1	-	-	-	1	-
West Virginia	-	-	-	-	-	-	-	-	-	-	-	-
North Carolina	-	-	-	1	-	-	-	1	-	-	-	-
South Carolina	-	-	-	-	-	-	-	-	-	-	-	-
Georgia	-	-	-	-	-	-	-	-	-	-	-	-
Florida	-	-	-	1	-	-	-	-	-	-	-	-
EAST SOUTH CENTRAL	-	-	-	5	-	-	-	-	-	-	3	-
Kentucky	-	-	-	5	-	-	-	-	-	-	1	-
Tennessee	-	-	-	-	-	-	-	-	-	-	-	-
Alabama	-	-	-	-	-	-	-	-	-	-	1	-
Mississippi	-	-	-	-	-	-	-	-	-	-	1	-
WEST SOUTH CENTRAL	-	1	1	4	-	-	1	2	-	1	-	3
Arkansas	-	1	-	1	-	-	-	-	-	1	-	-
Louisiana	-	-	-	3	-	-	-	2	-	-	-	-
Oklahoma	-	-	-	-	-	-	-	-	-	-	-	-
Texas	-	-	1	-	-	-	1	-	-	-	-	3
MOUNTAIN	-	-	2	7	-	-	1	3	-	-	1	4
Montana	-	-	2	1	-	-	1	1	-	-	-	-
Idaho	-	-	-	1	-	-	-	-	-	-	-	-
Wyoming	-	-	-	-	-	-	-	-	-	-	-	-
Colorado	-	-	-	-	-	-	-	-	-	-	1	4
New Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Arizona	-	-	-	1	-	-	-	-	-	-	-	-
Utah	-	-	-	4	-	-	-	2	-	-	-	-
Nevada	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC	2	3	4	6	2	2	2	5	-	1	7	10
Washington	-	-	-	-	-	-	-	-	-	-	1	1
Oregon	-	-	-	-	-	-	-	-	-	-	-	-
California	2	3	4	6	2	2	2	5	-	1	6	9
Alaska	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands	---	---	---	---	---	---	---	---	---	---	---	---

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
JANUARY 21, 1961 AND JANUARY 20, 1962 - Continued

Area	Brucellosis		Diphtheria		Encephalitis, Infectious		Hepatitis, Infectious and serum				Measles	
							3rd week					
	3rd week	Cumulative 3 weeks	3rd week	Cumulative 3 weeks	3rd week		Under 20 yr.	20 & over	Total	Total	3rd week	
	1962	1962	1962	1962	1962	1961	1962	1962	1962	1961	1962	1961
UNITED STATES.....	7	21	5	40	29	19	911	533	1,580	1,803	7,306	8,389
NEW ENGLAND.....	-	-	-	-	2	-	56	50	106	49	1,172	518
Maine.....	-	-	-	-	1	-	19	15	34	7	317	8
New Hampshire.....	-	-	-	-	-	-	12	3	15	2	52	7
Vermont.....	-	-	-	-	-	-	1	-	1	13	31	42
Massachusetts.....	-	-	-	-	-	-	21	24	45	15	523	309
Rhode Island.....	-	-	-	-	1	-	-	5	5	-	94	114
Connecticut.....	-	-	-	-	-	-	3	3	6	12	155	38
MIDDLE ATLANTIC.....	-	-	-	-	10	4	99	82	181	266	962	1,790
New York.....	-	-	-	-	5	4	51	40	91	92	489	941
New Jersey.....	-	-	-	-	-	-	20	21	41	48	322	220
Pennsylvania.....	-	-	-	-	5	-	28	21	49	126	151	629
EAST NORTH CENTRAL.....	1	6	-	-	1	-	209	102	335	325	1,337	2,751
Ohio.....	-	-	-	-	1	-	86	32	127	143	137	689
Indiana.....	-	-	-	-	-	-	23	11	36	38	80	175
Illinois.....	1	6	-	-	-	-	38	22	61	52	710	330
Michigan.....	-	-	-	-	-	-	62	37	99	87	230	413
Wisconsin.....	-	-	-	-	-	-	-	-	12	5	180	1,144
WEST NORTH CENTRAL.....	3	11	-	8	1	-	98	48	176	205	139	409
Minnesota.....	-	-	-	1	-	-	41	12	59	35	24	12
Iowa.....	1	3	-	-	-	-	24	12	59	38	63	63
Missouri.....	-	1	-	-	-	-	18	12	30	63	12	189
North Dakota.....	-	-	-	-	-	-	2	1	3	5	35	102
South Dakota.....	-	1	-	-	-	-	-	1	1	16	5	-
Nebraska.....	-	2	-	7	1	-	-	-	1	8	-	43
Kansas.....	2	4	-	-	-	-	13	10	23	40	NN	NN
SOUTH ATLANTIC.....	3	3	1	14	1	3	111	64	178	194	902	1,185
Delaware.....	-	-	-	-	-	-	1	1	2	3	8	94
Maryland.....	-	-	-	-	1	-	7	5	12	13	88	47
District of Columbia..	-	-	-	1	-	-	3	3	6	1	24	5
Virginia.....	-	-	-	-	-	-	25	11	37	23	375	232
West Virginia.....	-	-	-	-	-	1	14	5	20	45	257	104
North Carolina.....	2	2	-	1	-	2	32	22	54	33	17	115
South Carolina.....	-	-	-	-	-	-	11	4	16	41	9	320
Georgia.....	-	-	-	4	-	-	6	2	8	12	30	1
Florida.....	1	1	1	8	-	-	12	11	23	23	94	267
EAST SOUTH CENTRAL.....	-	1	-	-	1	2	220	54	281	330	749	530
Kentucky.....	-	-	-	-	-	-	94	15	116	144	102	246
Tennessee.....	-	1	-	-	1	-	69	15	84	133	539	246
Alabama.....	-	-	-	-	-	2	24	10	34	46	38	27
Mississippi.....	-	-	-	-	-	-	33	14	47	7	70	11
WEST SOUTH CENTRAL.....	-	-	3	12	3	3	50	36	91	109	1,149	261
Arkansas.....	-	-	-	1	2	-	14	6	20	24	26	-
Louisiana.....	-	-	-	-	-	-	3	3	6	2	7	1
Oklahoma.....	-	-	2	2	-	3	1	3	4	15	11	1
Texas.....	-	-	1	9	1	-	32	24	61	68	1,105	259
MOUNTAIN.....	-	-	1	6	1	-	20	10	88	102	314	267
Montana.....	-	-	1	5	-	-	-	3	3	9	138	30
Idaho.....	-	-	-	-	-	-	-	-	21	12	19	30
Wyoming.....	-	-	-	-	-	-	-	-	-	2	-	5
Colorado.....	-	-	-	-	-	-	3	-	17	46	75	69
New Mexico.....	-	-	-	1	1	-	9	2	12	7	NN	NN
Arizona.....	-	-	-	-	-	-	-	-	21	14	63	127
Utah.....	-	-	-	-	-	-	8	5	13	8	18	6
Nevada.....	-	-	-	-	-	-	-	-	1	4	1	-
PACIFIC.....	-	-	-	-	9	7	48	87	144	223	582	678
Washington.....	-	-	-	-	1	-	8	8	20	36	-	133
Oregon.....	-	-	-	-	-	-	7	8	15	26	123	82
California.....	-	-	-	-	8	5	32	69	105	157	351	452
Alaska.....	-	-	-	-	-	2	1	1	3	1	105	1
Hawaii.....	-	-	-	-	-	-	-	1	1	3	3	10
Puerto Rico.....	-	-	-	1	-	-	2	-	2	6	48	44
Virgin Islands.....	---	---	---	---	---	---	---	---	---	---	---	---

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

JANUARY 21, 1961 AND JANUARY 20, 1962 - Continued

Area	Meningococcal Infections		Streptococcal Sore Throat & Scarlet Fever		Tetanus	Tick-borne Typhus (Rcky.Mt. Spotted)	Tularemia	Typhoid Fever		Rabies in Animals		
	3rd week	Cumulative 3 weeks	3rd week		3rd week	3rd week	3rd week	3rd week	Cumulative 3 weeks	3rd week		Cumulative 3 weeks
	1962	1962	1962	1961	1962	1962	1962	1962	1962	1962	1961	1962
UNITED STATES	51	151	8,305	8,653	-	-	6	8	14	57	58	173
NEW ENGLAND	5	13	436	407	-	-	-	-	-	-	-	-
Maine	2	2	7	8	-	-	-	-	-	-	-	-
New Hampshire	-	-	6	8	-	-	-	-	-	-	-	-
Vermont	-	-	20	-	-	-	-	-	-	-	-	-
Massachusetts	2	8	162	215	-	-	-	-	-	-	-	-
Rhode Island	-	-	23	11	-	-	-	-	-	-	-	-
Connecticut	1	3	218	165	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC	4	20	418	503	-	-	1	1	1	2	2	8
New York	3	12	264	263	-	-	-	-	-	2	2	6
New Jersey	-	3	79	109	-	-	-	-	-	-	-	-
Pennsylvania	1	5	75	131	-	-	1	1	1	-	-	2
EAST NORTH CENTRAL	13	32	659	1,027	-	-	-	2	2	3	6	10
Ohio	4	13	104	255	-	-	-	1	1	-	1	-
Indiana	2	2	108	134	-	-	-	-	-	3	3	9
Illinois	2	3	99	176	-	-	-	-	-	-	1	1
Michigan	5	11	206	220	-	-	-	-	-	-	1	-
Wisconsin	-	3	142	242	-	-	-	1	1	-	-	-
WEST NORTH CENTRAL	-	7	328	291	-	-	1	1	2	28	19	67
Minnesota	-	-	43	15	-	-	-	-	-	6	5	10
Iowa	-	3	88	61	-	-	-	-	-	16	6	29
Missouri	-	2	41	31	-	-	-	1	2	-	4	11
North Dakota	-	1	86	128	-	-	-	-	-	-	2	7
South Dakota	-	-	-	3	-	-	-	-	-	6	2	9
Nebraska	-	-	-	1	-	-	-	-	-	-	-	1
Kansas	-	1	70	52	-	-	1	-	-	-	-	-
SOUTH ATLANTIC	9	22	795	603	-	-	2	1	2	7	5	17
Delaware	1	3	4	3	-	-	-	-	-	-	-	-
Maryland	-	-	13	25	-	-	-	-	-	-	-	-
District of Columbia	1	3	-	1	-	-	-	-	-	-	-	-
Virginia	2	5	223	103	-	-	-	-	1	2	3	10
West Virginia	1	1	109	182	-	-	-	-	-	2	2	3
North Carolina	1	4	55	41	-	-	2	-	-	-	-	-
South Carolina	-	1	216	50	-	-	-	-	-	-	-	-
Georgia	-	-	10	-	-	-	-	-	-	-	-	-
Florida	3	5	165	198	-	-	-	1	1	3	-	4
EAST SOUTH CENTRAL	5	10	1,268	1,682	-	-	2	1	1	7	9	18
Kentucky	-	3	117	178	-	-	-	-	-	2	1	7
Tennessee	2	4	985	1,250	-	-	2	-	-	5	7	10
Alabama	1	1	41	35	-	-	-	1	1	-	1	1
Mississippi	2	2	125	219	-	-	-	-	-	-	-	-
WEST SOUTH CENTRAL	5	15	966	1,144	-	-	-	1	5	6	13	34
Arkansas	-	-	6	3	-	-	-	-	-	-	3	4
Louisiana	3	6	2	6	-	-	-	1	1	-	1	-
Oklahoma	-	1	1	32	-	-	-	-	1	-	-	2
Texas	2	8	957	1,103	-	-	-	-	3	6	9	28
MOUNTAIN	2	7	1,803	1,886	-	-	-	1	1	2	-	4
Montana	1	1	45	114	-	-	-	1	1	-	-	-
Idaho	1	1	498	227	-	-	-	-	-	-	-	-
Wyoming	-	-	5	109	-	-	-	-	-	-	-	-
Colorado	-	-	411	608	-	-	-	-	-	-	-	-
New Mexico	-	-	415	509	-	-	-	-	-	1	-	2
Arizona	-	2	246	183	-	-	-	-	-	1	-	2
Utah	-	-	179	130	-	-	-	-	-	-	-	-
Nevada	-	3	4	6	-	-	-	-	-	-	-	-
PACIFIC	8	25	1,632	1,110	-	-	-	-	-	2	4	15
Washington	-	2	686	538	-	-	-	-	-	-	-	-
Oregon	1	5	56	91	-	-	-	-	-	-	-	-
California	7	17	824	437	-	-	-	-	-	2	4	15
Alaska	-	1	35	38	-	-	-	-	-	-	-	-
Hawaii	-	-	31	6	-	-	-	-	-	-	-	-
Puerto Rico	3	4	2	2	2	-	-	-	-	-	-	1
Virgin Islands	---	---	---	---	---	---	---	---	---	---	---	---

Table 4 (C). TOTAL DEATHS UNDER 1 YEAR OF AGE IN REPORTING CITIES

(Tables 4(A), 4(B), 4(C), and 4(D) will be published in sequence covering a four-week period, see Chart, page 3)

Area	For weeks ending			
	12/30/61	1/6/62	1/13/62	1/20/62
NEW ENGLAND:				
Boston, Mass.	14	10	14	11
Bridgeport, Conn.	2	3	1	5
Cambridge, Mass.	1	2	2	0
Fall River, Mass.	2	0	2	1
Hartford, Conn.	3	6	3	10
Lowell, Mass.	0	1	1	1
Lynn, Mass.	2	0	1	1*
New Bedford, Mass.	1	2	1	1*
New Haven, Conn.	3	2	3	8
Providence, R.I.	4	1	10	3
Somerville, Mass.	1	1	2	0
Springfield, Mass.	4	2	1	3
Waterbury, Conn.	3	2	2	2
Worcester, Mass.	2	1	4	1
MIDDLE ATLANTIC:				
Albany, N.Y.	5	3	1	2
Allentown, Pa.	0	4	0	1
Buffalo, N.Y.	7	5	4	9
Camden, N.J.	4	6	6	7
Elizabeth, N.J.	1	0	3	3
Erie, Pa.	1	5	1	3
Jersey City, N.J.	0	0	2	1
Newark, N.J.	11	10	4	2
New York City, N.Y.	89	91	104	73
Paterson, N.J.	4	5	2	5
Philadelphia, Pa.	17	11	43	26
Pittsburgh, Pa.	0	17	7	10
Reading, Pa.	0	0	0	3
Rochester, N.Y.	5	6	4	6
Schenectady, N.Y.	1	1	3	2
Scranton, Pa.	2	0	1	2
Syracuse, N.Y.	1	4	2	4
Trenton, N.J.	3	3	1	1
Utica, N.Y.	0	0	1	1
Yonkers, N.Y.	3	0	2	3
EAST NORTH CENTRAL:				
Akron, Ohio	2	6	4	5
Canton, Ohio	1	5	1	2
Chicago, Ill.	54	62	48	58
Cincinnati, Ohio	6	4	10	9
Cleveland, Ohio	13	11	8	15
Columbus, Ohio	9	18	5	22
Dayton, Ohio	7	7	2	3
Detroit, Mich.	18	31	39	37
Evansville, Ind.	2	2	2	1
Flint, Mich.	5	8	2	8
Fort Wayne, Ind.	5	1	1	1
Gary, Ind.	3	4	3	6
Grand Rapids, Mich.	4	6	2	6
Indianapolis, Ind.	15	14	13	7
Madison, Wis.	5	3	6	2
Milwaukee, Wis.	4	6	15	7
Peoria, Ill.	3	6	6	1
Rockford, Ill.	0	2	4	1
South Bend, Ind.	3	1	3	2
Toledo, Ohio	3	3	6	5
Youngstown, Ohio	2	3	2	0
WEST NORTH CENTRAL:				
Des Moines, Iowa	4	3	3	1
Duluth, Minn.	1	1	3	2
Kansas City, Kans.	3	2	5	3
Kansas City, Mo.	9	6	6	10
Lincoln, Nebr.	2	6	2	1
Minneapolis, Minn.	8	8	8	6
Omaha, Nebr.	1	9	4	3
St. Louis, Mo.	10	14	16	20
St. Paul, Minn.	8	4	3	6
Wichita, Kans.	2	6	7	1

Area	For weeks ending			
	12/30/61	1/6/62	1/13/62	1/20/62
SOUTH ATLANTIC:				
Atlanta, Ga.	7	15	16	7
Baltimore, Md.	17	41	14	14
Charlotte, N.C.	4	4	4	2
Jacksonville, Fla.	8	7	4	6
Miami, Fla.	2	3	4	6
Norfolk, Va.	7	8	2	5
Richmond, Va.	3	9	6	5
Savannah, Ga.	4	3	3	4
St. Petersburg, Fla.	1	3	2	4
Tampa, Fla.	5	7	1	9
Washington, D.C.	13	9	20	40
Wilmington, Del.	2	3	4	4
EAST SOUTH CENTRAL:				
Birmingham, Ala.	4	9	6	4
Chattanooga, Tenn.	5	1	0	0
Knoxville, Tenn.	1	0	3	1
Louisville, Ky.	6	6	14	10
Memphis, Tenn.	11	8	16	6
Mobile, Ala.	6	5	0	3
Montgomery, Ala.	4	1	2	5
Nashville, Tenn.	2	4	5	8
WEST SOUTH CENTRAL:				
Austin, Tex.	1	4	4	4
Baton Rouge, La.	4	5	7	2
Corpus Christi, Tex.	4	2	4	7
Dallas, Tex.	23	10	14	4
El Paso, Tex.	6	6	3	8*
Fort Worth, Tex.	6	5	6	4
Houston, Tex.	8	15	12	29
Little Rock, Ark.	3	9	7	7
New Orleans, La.	19	22	22	26
Oklahoma City, Okla.	7	8	8	9
San Antonio, Tex.	10	6	8	16
Shreveport, La.	1	7	12	3
Tulsa, Okla.	4	5	3	3
MOUNTAIN:				
Albuquerque, N. Mex.	3	3	8	4
Colorado Springs, Colo.	0	4	0	3
Denver, Colo.	7	10	12	18
Ogden, Utah.	1	0	1	2
Phoenix, Ariz.	7	7	11	9
Pueblo, Colo.	3	0	2	1
Salt Lake City, Utah.	6	5	8	4
Tucson, Ariz.	0	3	1	7
PACIFIC:				
Berkeley, Calif.	1	1	5	2
Fresno, Calif.	4	1	7	6
Glendale, Calif.	3	2	3	2
Honolulu, Hawaii.	3	6	9	11
Long Beach, Calif.	4	1	2	2
Los Angeles, Calif.	32	32	37	36
Oakland, Calif.	6	7	4	2
Pasadena, Calif.	1	3	3	3
Portland, Oreg.	4	1	9	8
Sacramento, Calif.	4	3	6	5
San Diego, Calif.	5	8	17	9
San Francisco, Calif.	9	5	11	7
San Jose, Calif.	4	2	2	4
Seattle, Wash.	6	5	8	10
Spokane, Wash.	7	4	2	3
Tacoma, Wash.	5	0	4	2
San Juan, P.R.	1	2	3	1

*Estimate - based on average percent of divisional total
+Includes estimates for missing reports

NOTE: All deaths by place of occurrence.

Current Week Mortality for 108 Selected Cities +

4(A) Total Mortality, all ages	12,693
4(B) Pneumonia-Influenza Deaths, all ages	655
4(C) Total Deaths under 1 Year of Age	834
4(D) Total Deaths, Persons 65 years and over	7,141

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HEPATITIS – For the week ending January 20, 1,580 cases of hepatitis were reported. Though 195 cases more than in the previous week, and the highest since May 1961, the 1,580 cases represent 223 fewer cases than were reported for the corresponding week in 1961.

INTERNATIONAL NOTES – QUARANTINE MEASURES

Smallpox – Europe

England – Five separate importations of smallpox from Pakistan into England have occurred in the past 5 weeks. These have resulted in a total of 16 cases with 6 deaths. The imported cases had onsets of illness as follows: 1) December 23, Bradford; 2) December 28, Birmingham; 3) December 28, London; 4) January 8, Birmingham; 5) January 13, Cardiff, Wales. Ten cases of smallpox secondary to the Bradford case have had onsets of illness between January 6 and January 14. Four deaths have occurred among the secondary cases. The two additional deaths occurred among the imported Bradford and London cases. An additional patient, a contact of the first Birmingham case, had onset of illness on January 11 in Tipton.

The diagnosis of smallpox was not made on the initial Bradford case until a number of contacts had developed smallpox. The initial Bradford case was a 9-year-old Pakistani child who arrived in England on December 17 and was hospitalized in Bradford on December 23 with malaria. A petechial rash appeared just prior to death, but was unexplained until the cases of smallpox occurred.

Dusseldorf, Germany – A fourth case of smallpox has occurred in Dusseldorf, Germany. The case occurred in the nurse who had taken care of the three initial cases. The nurse became ill on January 12 and died on January 20. Vaccination had been unsuccessful on January 1, 1962, and revaccination had been carried out on January 6, 1962.

In addition to the established procedures for reporting morbidity and mortality, the Communicable Disease Center welcomes accounts of interesting outbreaks or cases. Such accounts should be addressed to:

Editor, Morbidity and Mortality Weekly Report
Communicable Disease Center
Atlanta 22, Georgia

Notes: These provisional data are based on weekly telegrams to the Communicable Disease Center by the individual State health departments.

Symbols: --- Data not available
- Quantity zero

Procedures for construction of various mortality curves may be obtained from Statistics Section, Communicable Disease Center, Public Health Service, U. S. Department of Health, Education, and Welfare, Atlanta 22, Georgia.

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